

L3 ANSWER 80 OF 161 CA COPYRIGHT 2005 ACS on STN

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TI Inorganic compositions and method for forming a heat-resistant
anticorrosive coating, especially on steel

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PA Taiwan

SO Brit. UK Pat. Appl., 38 pp.

CODEN: BAXXDU

DT Patent

LA English

IC ICM C09D005-08

CC 55-6 (Ferrous Metals and Alloys)
Section cross-reference(s): 42, 58

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2286977	A1	19950906	GB 1994-3510	19940224
PRAI	GB 1994-3510			19940224	

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
GB 2286977	ICM	C09D005-08
GB 2286977	ECLA	C04B028/26; C04B035/44; C04B035/63B2; C04B035/63B4

AB The compns. comprise a curable powder containing a hydraulic Ca aluminate compound, ≥ 1 reinforcing oxides, and a binder solution containing an alkali-metal silicate and a phosphate. Addnl. the compns. may contain a pigment. A composition containing Ca aluminate (formed from Al2O3 100, limestone 43, clay 2, and Fe2O3 0.2 weight parts and containing Al2O3 79.4, CaO 18.8, SiO2 1.4, and Fe2O3 0.20 weight%) 100, MgO 10, Al2O3 5, and other minor oxide 1 weight parts, and a suitable amount of pigment, was prepared

ST heat resistant anticorrosive inorg coating steel; pigment hydraulic calcium aluminate coating; binder alumina magnesia oxide coating; alkali metal silicate binder coating

IT Binding materials

(alkali metal silicate solution; inorg. compns. and method for forming a hydraulic Ca aluminate-, binder-, pigment-, and reinforcing oxide-containing heat-resistant anticorrosive coating on steel)

IT Spinel-group minerals